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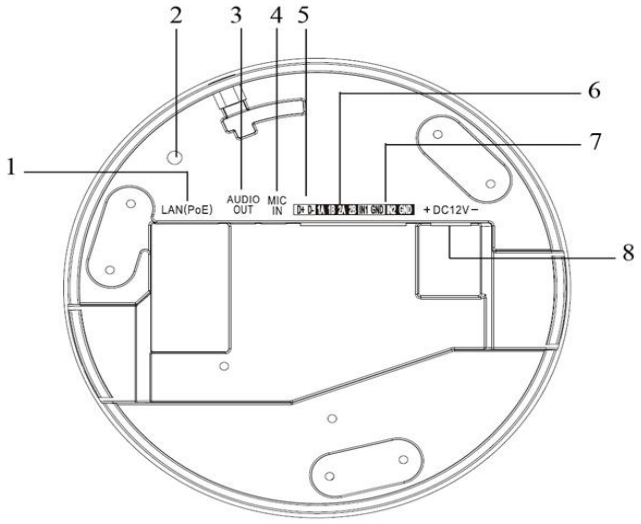
A-44

Quick Setup Guide

Table of Contents

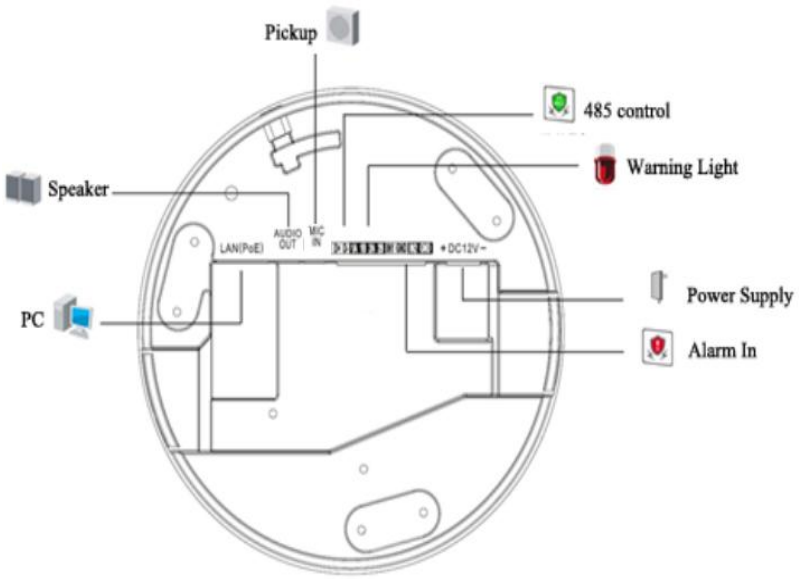
A. Camera Physical Description 3
B. Installation 5
C. Search and Modify IP 8
D. Preview via Web Browser 11
Channel Parameters→DisplaySetting 14
Channel Parameters→Video Settings 15
Channel Parameters→Motion Detection Setting 16
Channel Parameters→Text Overlay Setting 16
Channel Parameters→Front Para Config 17
Network Parameters→Network Setting 17
Network Parameters→NTP Setting 18
Network Parameters→E-mail Setting 18
Alarm Parameters→Alarm Input Setting 19
Alarm Parameters→Alarm Output Setting 19
Alarm Deployment Time 19
User Management 20
Add User 20
Modify User 20
F. Adding Camera to Monitor Station 21

A. Camera Physical Description



Serial NO.	Description
1	10M/100M self-adaptive Ethernet interface
2	INITIAL SET: Reset the camera
3	AUDIO OUT: Audio output interface
4	MIC IN: Audio input interface
5	D+, D-: RS-485 interface
6	1A, 1B, 2A, 2B: Alarm output interface
7	IN1, GND, IN2, GND: Alarm input interface
8	Power supply

Camera Reset: When the camera is powered up, press the 'INITIAL SET' button for about 10 seconds then all parameters, including user name, password, IP address, port number, etc., will be reset to the factory default settings**.**


Pickup
485 control
Warning Light
Speaker
AUDIO OUT
MIC IN
LAN(PoE)
+DC12V-
Power Supply
PC
Alarm In

B. Installation

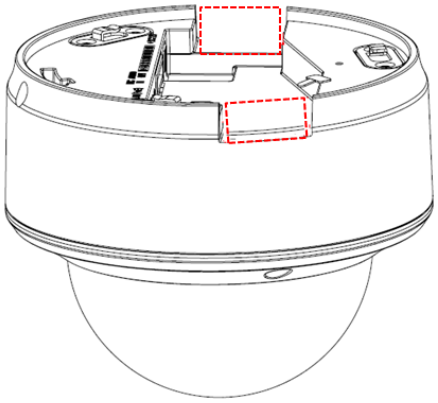
Note:

- ✓ Please check if all the items on the package list have been included with your camera.
- ✓ Read the following contents carefully before the installation.
- ✓ Make sure that all the related equipment is power-off during the installation.
- ✓ Check the power supply to prevent any damage caused by mismatching problems.
- ✓ Do not place the camera in extremely hot or damp environment. To avoid heat accumulation, good ventilation is required for a proper operating environment.
- ✓ If the product does not operate properly, please contact your dealer or the nearest service center. Never attempt to disassemble the camera yourself. Users are responsible for any problem caused by modification or repairing without authorization.

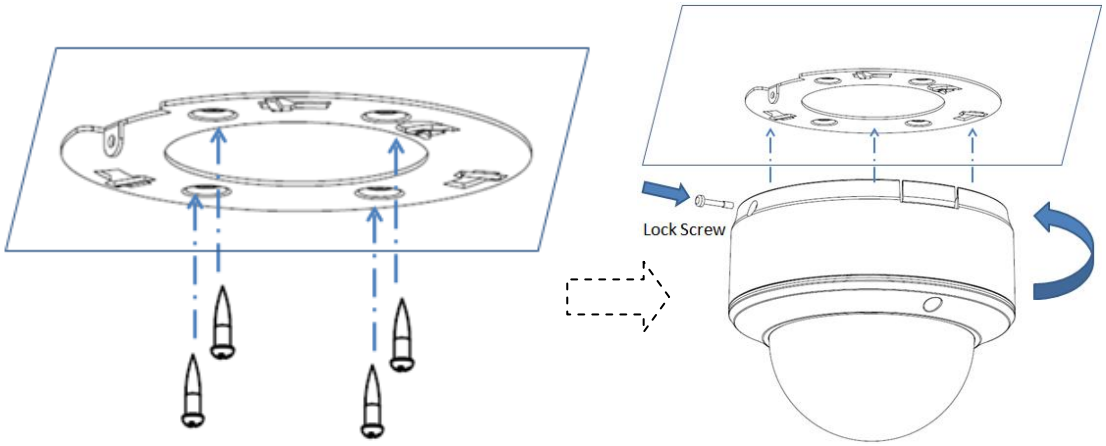
The ceiling mount is a suitable installation method for this camera. Please stick to the following steps:

Note:

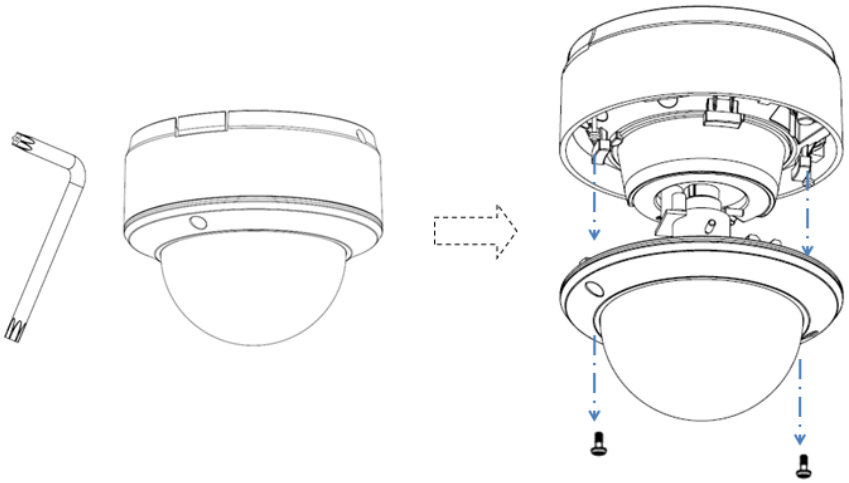
If required, user can apply the pliers to remove the clip (refer to the part marked in dotted line) on the side of the back box and then feed cables through the opening to secure on the ceiling.



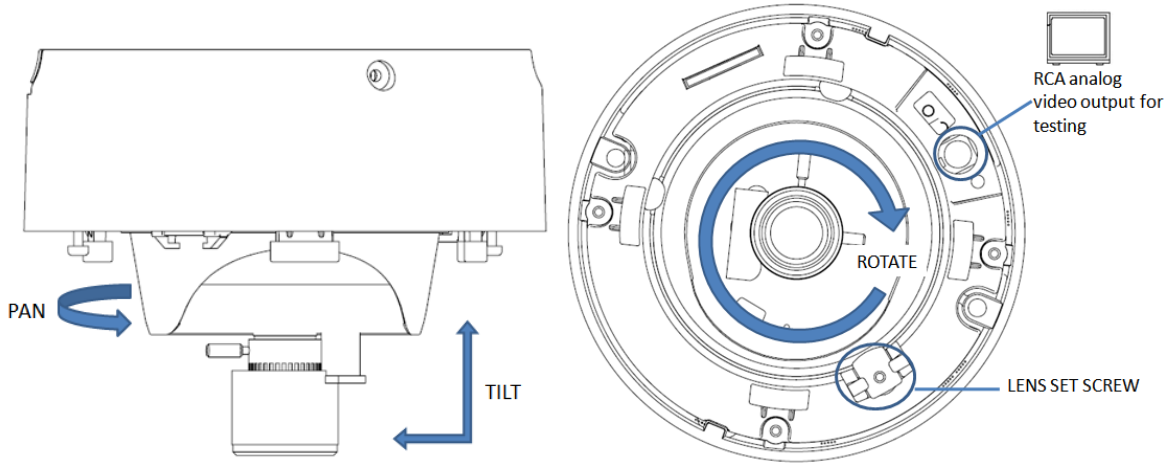
Step 1: Use the screws to fix the bottom plate on the ceiling, and rotate dome camera counterclockwise to attach it to the bottom plate, and finally use the lock screw to secure the dome camera.



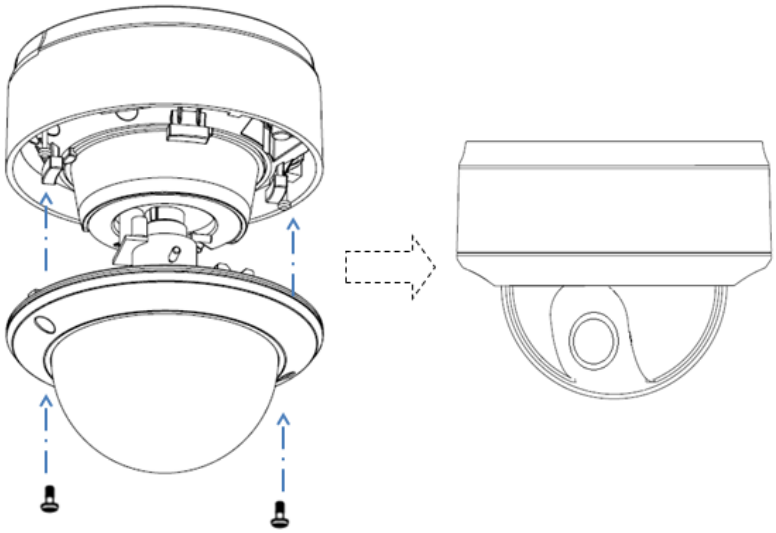
Step 2: Loosen the set screws with a hexagonal screw driver (attached with the camera), and take down the dome cover.



Step 3: While viewing the video on the monitor, adjust the camera's view angle for your need.

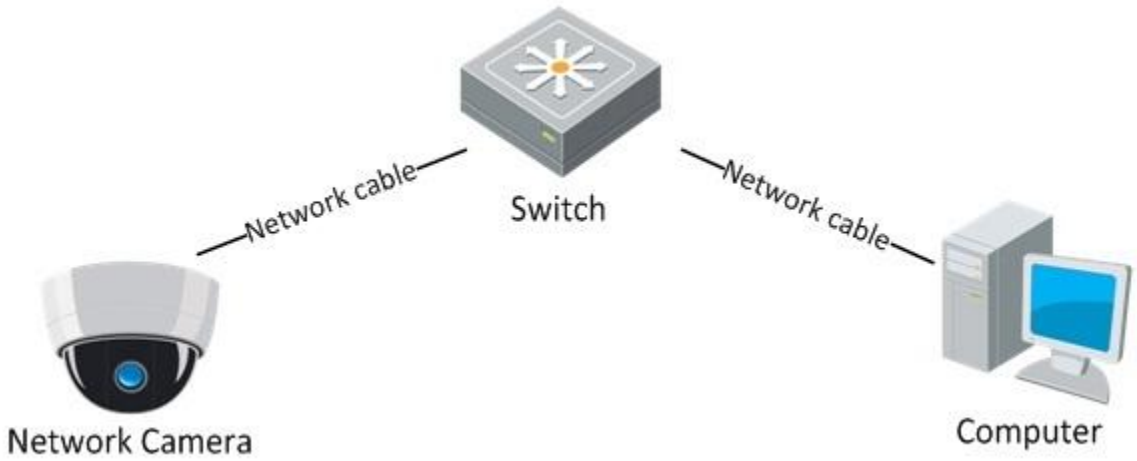


Step 4: Install the dome cover and tighten the screws.



C. Search and Modify IP

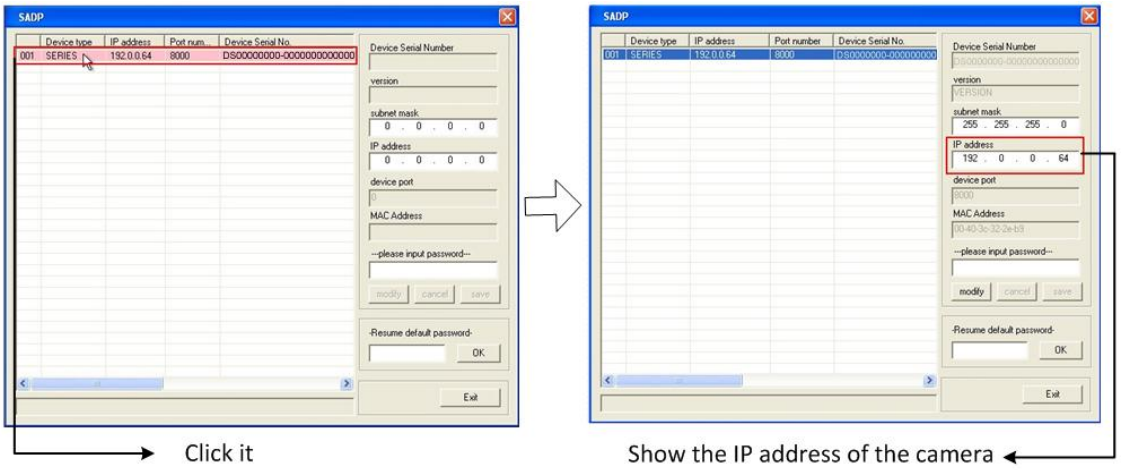
SADP (Search Active Devices Protocol) software can automatically search the IP address of network cameras in the same local area network (LAN) with connection diagram as following:



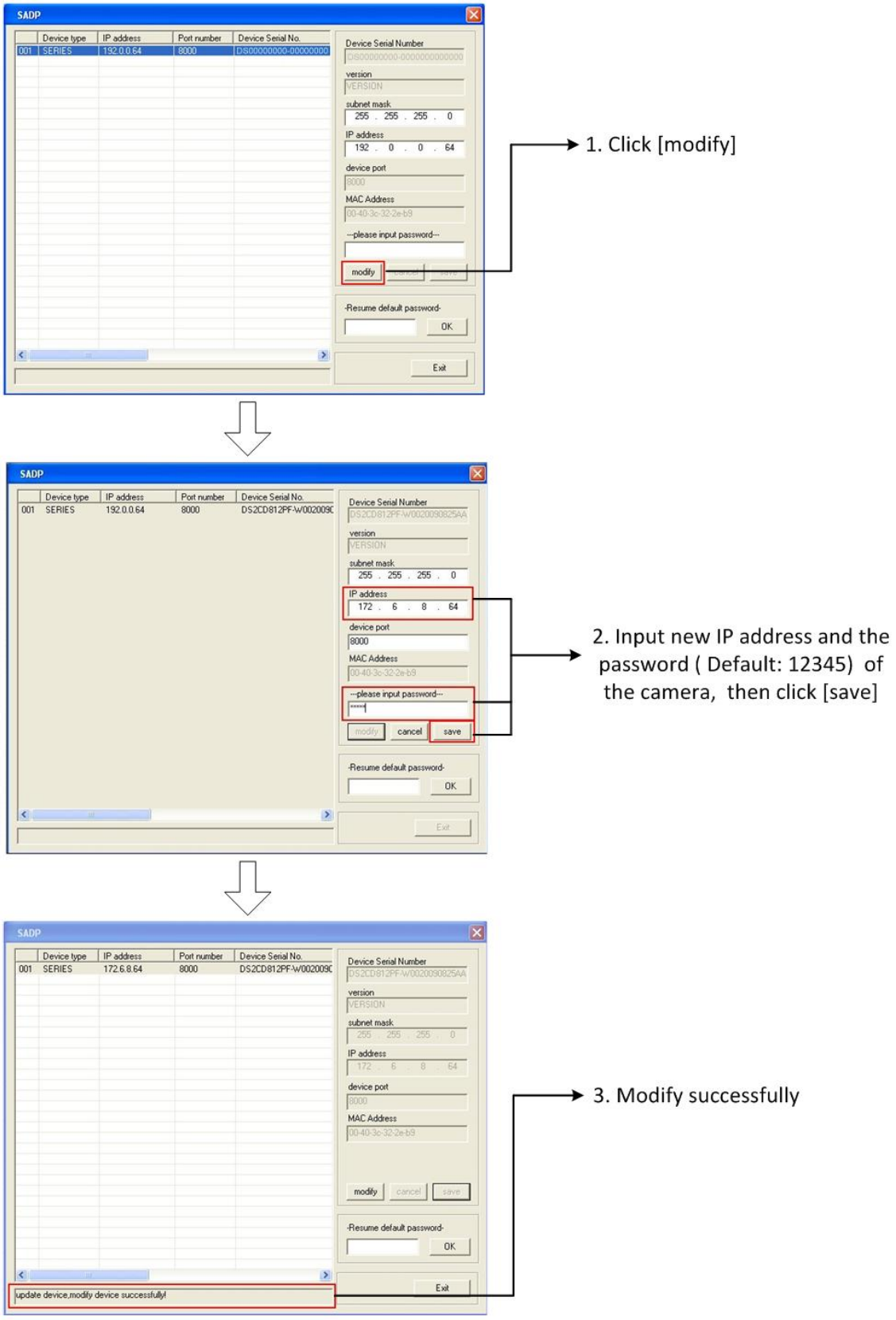
The operation of searching and modifying IP address is described as following:

1. Install the SADP software, and then run the "sadpdlg.exe".

2. Search IP address



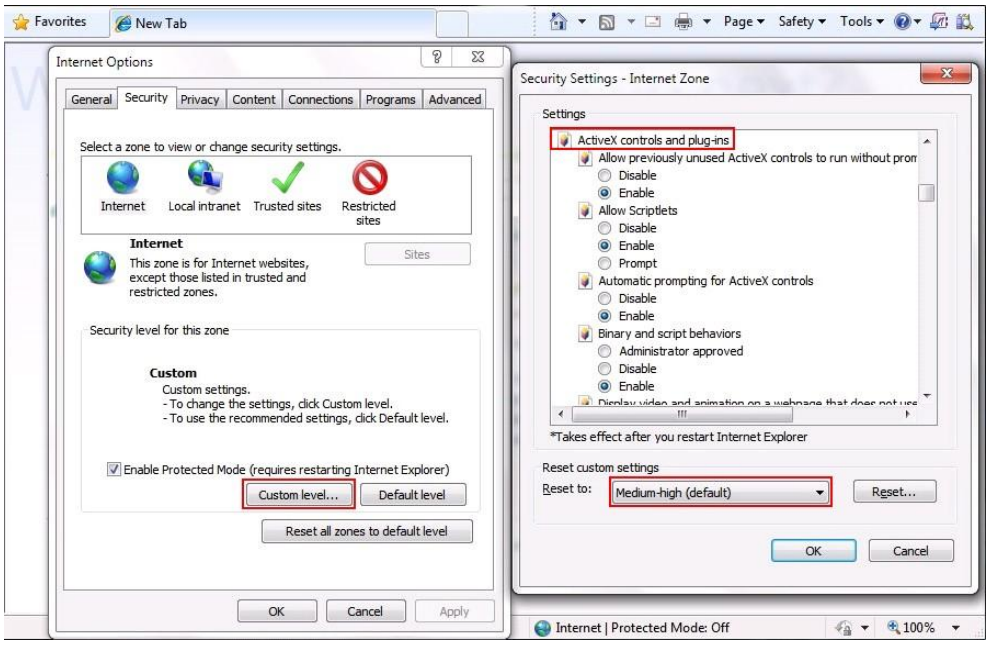
3. Modify IP address.



D. Preview via Web Browser

Note: **The default IP of network cameras is '192.0.0.64' with 'admin' as the administrator, '12345' as the password, and '8000' as the default port.**

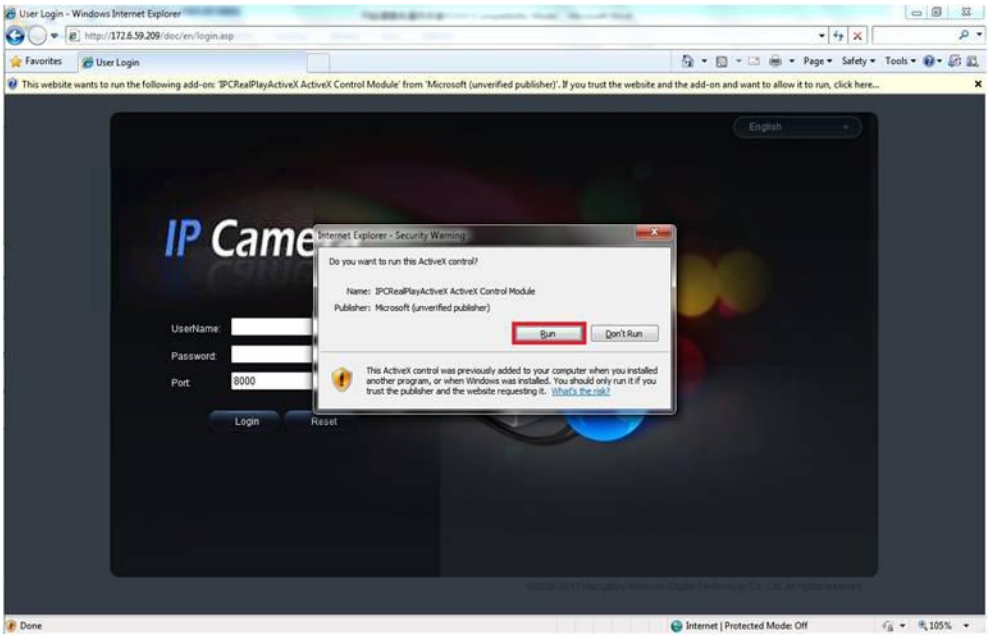
For monitoring camera images, a computer running the Microsoft Windows Operating System and Internet Explorer (Version 6.0 or later) are required. In this manual, we take Windows XP and IE 6.0 for example.



1. Open the IE browser, set the security level to [Medium] in [Tools/InternetOptions/Security/Custom Level…]

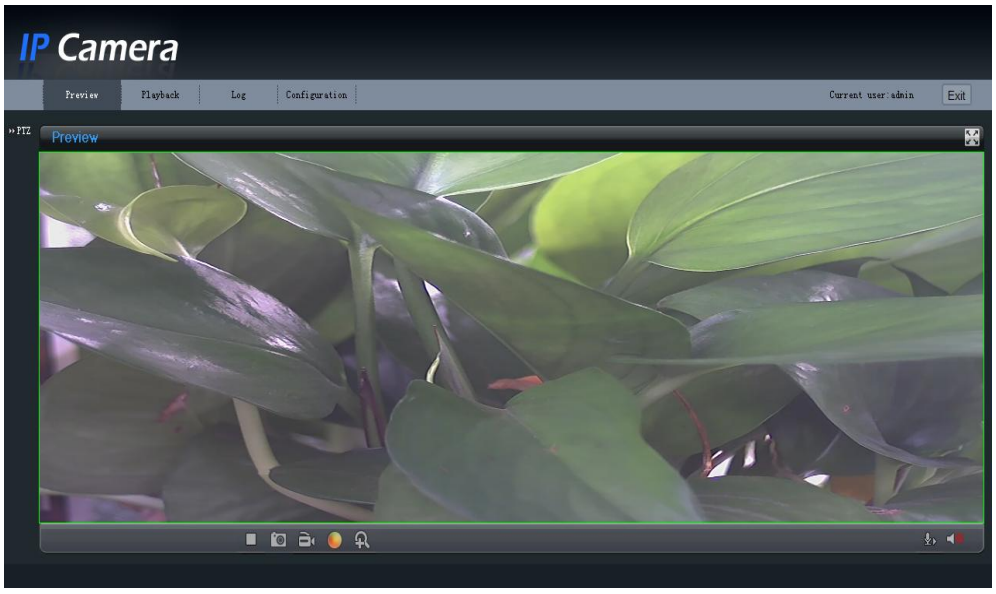
User Login - Windows Internet Explorer
This website wants to run the following add-on: 'IPCRealPlayActiveX ActiveX Control Module' from 'Microsoft (unverified publisher)'. If you trust the website and the add-on and want to allow it to run, click here...
IP Camera
UserName:
Password:
Port:
8000
Login
Reset
Done
Internet | Protected Mode: Off

2. Input the IP address of the camera and press [Enter], and then click the dialog box that pops up.


User Login - Windows Internet Explorer
This website wants to run the following add-on: 'IPCRealPlayActiveX ActiveX Control Module' from 'Microsoft (unverified publisher)'. If you trust the website and the add-on and want to allow it to run, click here...
Internet Explorer - Security Warning
Do you want to run this ActiveX control?
Name: IPCRealPlayActiveX ActiveX Control Module
Publisher: Microsoft (unverified publisher)
Run
Don't Run
This ActiveX control was previously added to your computer when you installed another program, or when Windows was installed. You should only run it if you trust the publisher and the website requesting it. What's the risk?
UserName:
Password:
Port:
8000
Login
Reset
Done
Internet | Protected Mode: Off

3. Click [Run] to install the ActiveX control.

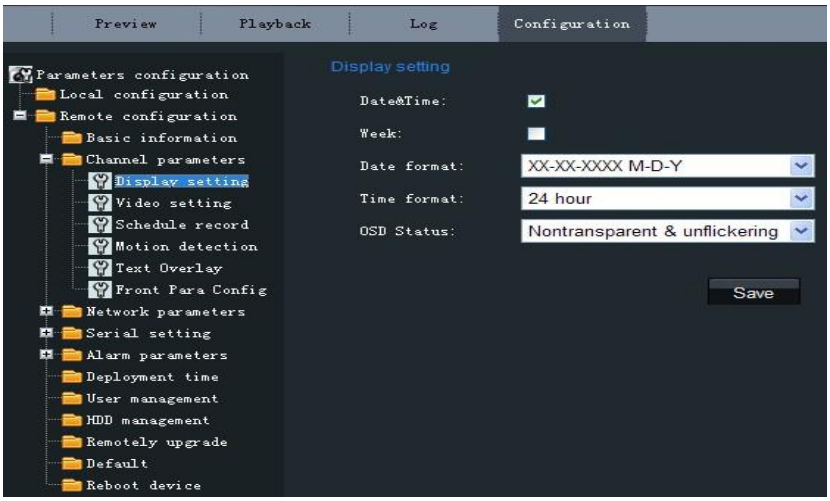
4. Input "Username" (Default: admin), "Password" (Default: 12345) and "Port" (Default: 8000) of the camera, then click [Login]



5. View the image

E. Web Interface Configuration

Channel Parameters→DisplaySetting



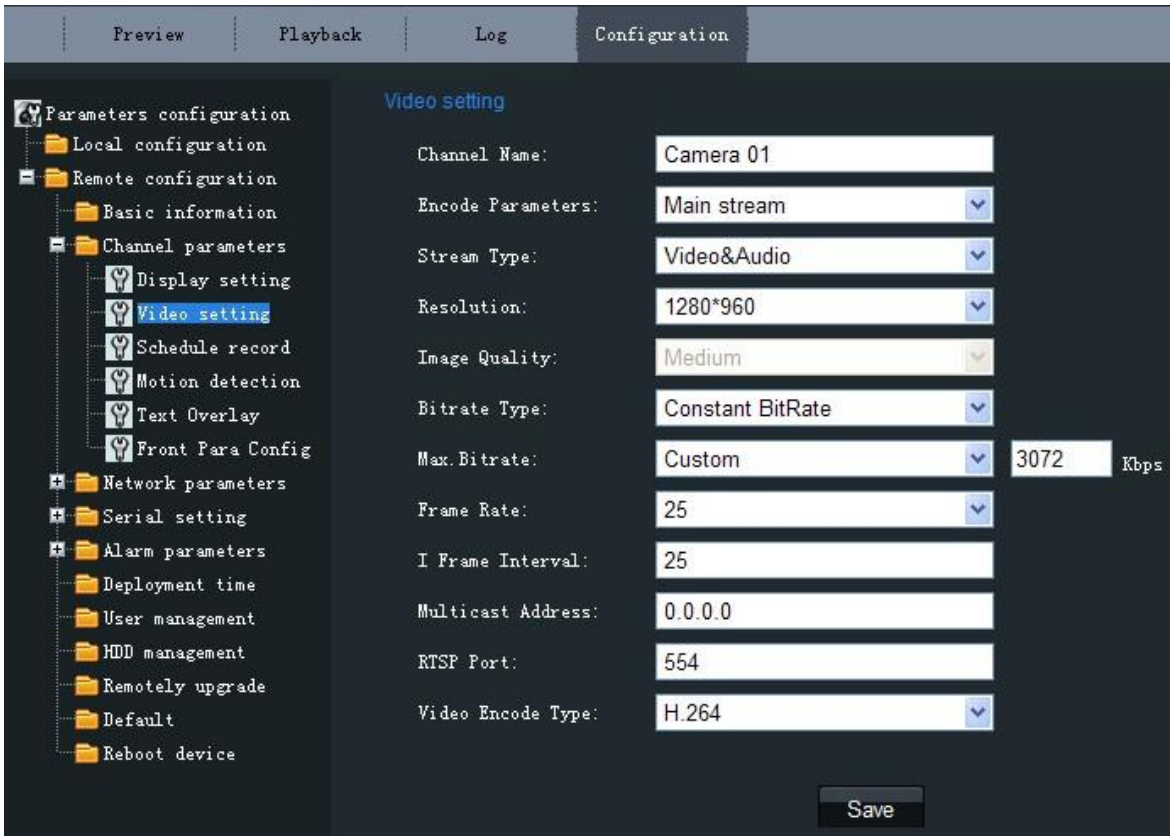
According to different requirements, enable the display of *Date&Time* and *Week* by clicking the checkbox.

Different date formats can be selected.

There are two *Time format:* 24 hour and 12 hour.

The OSD Status can be set to transparent & flickering, transparent & un-flickering, nontransparent & flickering, or nontransparent & un-flickering.

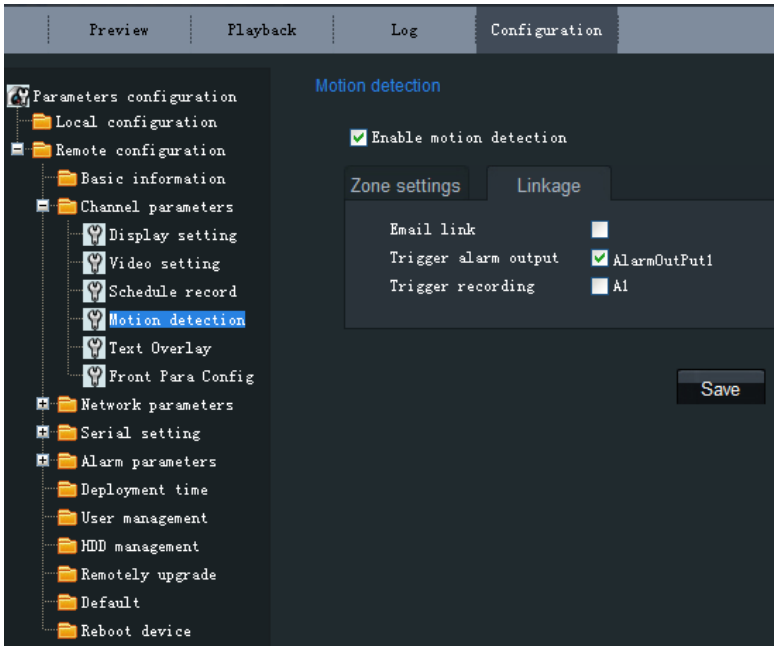
Channel Parameters→Video Settings



Parameter	Description
Channel Name	Input the channel name for your need
Encode Parameters	Main stream or Sub stream optional
Stream Type	Video&Audio or Video optional
Resolution	Select the resolution for your need
Image Quality	Highest, Higher, Medium, Low, Lower or Lowest optional
Bitrate Type	Constant bitrate or Variable bitrate optional
Max. Bitrate	Select or customize a bitrate according to the resolution
Frame Rate	Select the frame rate for your need
Multicast Address	Set the multicast address, with the default multicast of 0.0.0.0
RTSP Port	Set the RTSP port, with the default RTSP port of 554

Video Encode Type	Select the video encode type for your need

Channel Parameters→Motion Detection Setting



Select the checkbox of *Enable motion detection* to enable this function.

Zone Settings:Click *Start draw* button to draw motion detection zone by clicking and dragging the mouse in the live video image.

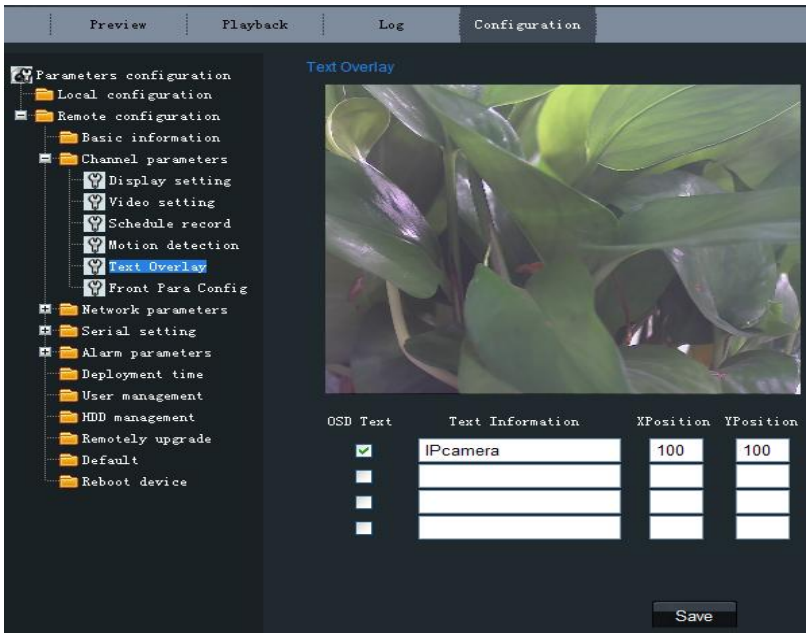
User is allowed to draw multiple motion detection zones in the same picture. When all zones have been set, click *Stop draw* to finish drawing.

Sensitivity: The sensitivity level can be set to 0, 1, 2, 3, 4 and 5. When it is set to 0, the sensitivity is disabled.

Linkage: The Linkage method can be selected to either *Email link*, *Trigger recording* or *Trigger alarm output*.

Click "Save" button to save the modified parameters.

Channel Parameters→Text Overlay Setting



Input the characters in the *Text Information* box and define the OSD location in the image by setting the *XPosition* and *YPosition*, and then select the checkbox of *OSD Text*. After clicking *Save* to finish the settings, the defined title will be displayed on the image.

***Note*:** The values of XPosition and YPositon are relative to the upper left corner origin of the image.

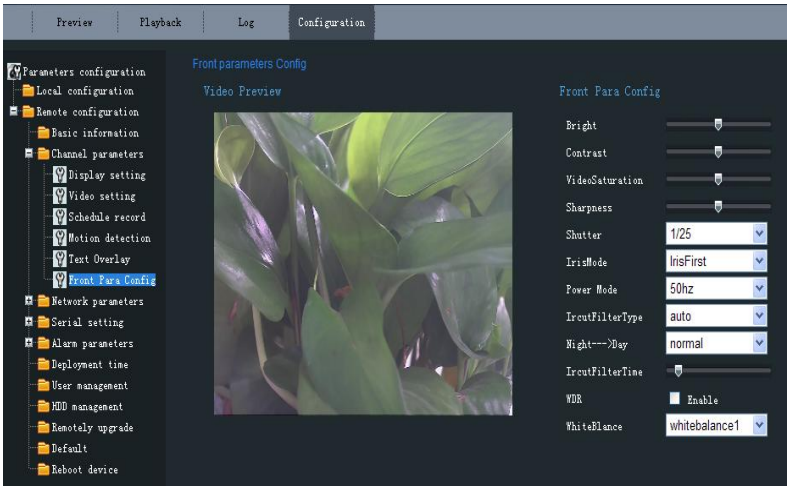
Channel Parameters→Front Para Config

In this page, user can adjust the parameters like brightness, contrast, saturation, sharpness, etc.

Shutter: User can set the shutter time according to the different camera models.

IrisMode: There are two modes: IrisFirst and manual optional.

Power Mode: There are two modes: 50Hz and 60Hz optional.

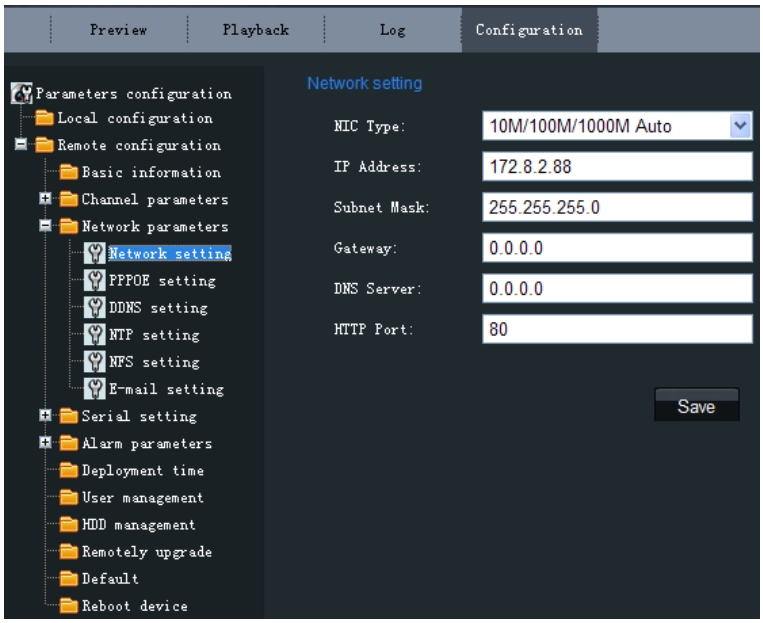


Network Parameters→Network Setting

Set the NIC Type, IP Address, Subnet Mask, Gateway and DNS Server of the network camera.

Click "Save" button to save the modified parameters.

Note: Please reboot the network camera to validate the modified parameters.



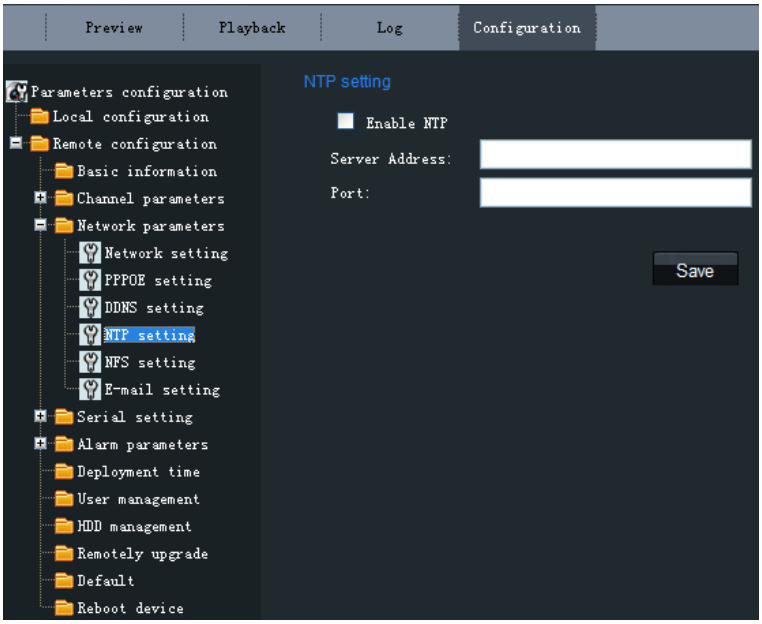
Network Parameters→NTP Setting

Click the checkbox of *Enable NTP* to enable this function. Input the *Server Address* and *Port* of NTP.

If the public network is applied, please input the NTP *Server Address* with provision of time sync service, e.g., 210.72.145.44.

In the private network is applied, the NTP software can be used to establish NTP server to achieve time synchronization.

Click "Save" button to save the modified parameters.



Note: Please reboot the network camera to validate the modified parameters.

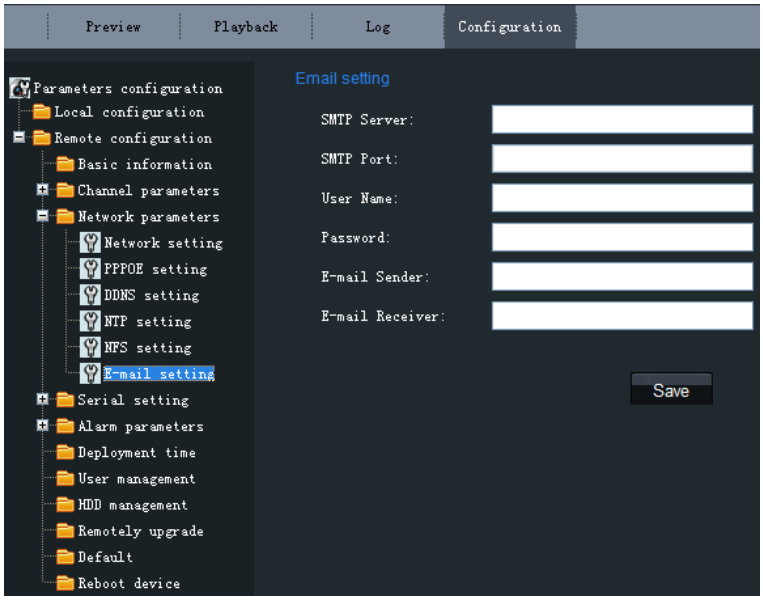
Network Parameters→E-mail Setting

Through E-mail settings, the alarm message can be sent to the designated E-mail address when alarm event occurs.

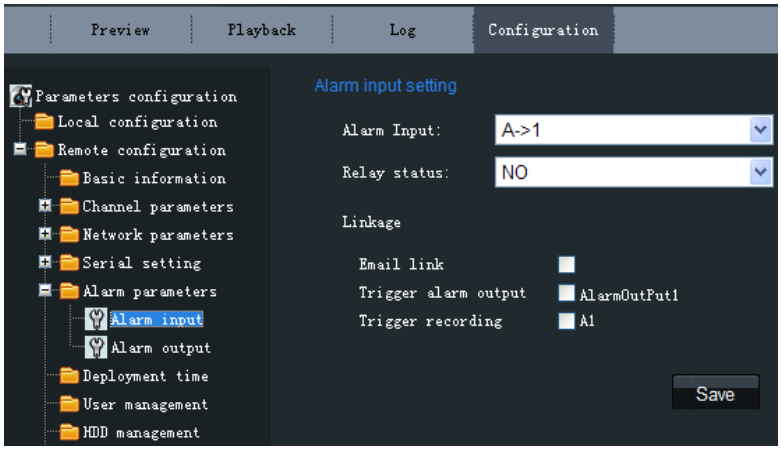
Input the SMTP server, SMTP port, user name, password, E-mail sender and receiver.

Click "Save" button to save the modified parameters.

Note: Please reboot the network camera to validate the modified parameters.



Alarm Parameters→Alarm Input Setting



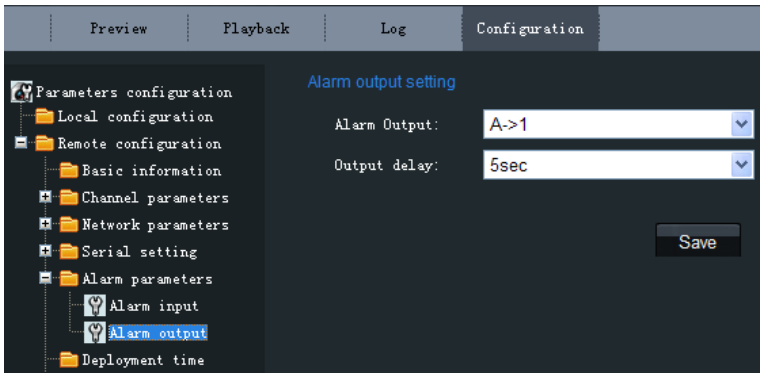
Set the type of *Relay Status* to NC or NO.

Note: Please reboot the network camera to validate the modified parameters.

The *Linkage* can be selected to *E-mail link*, *Trigger alarm output* or *Trigger recording*.

Click "Save" button to save the modified parameters.

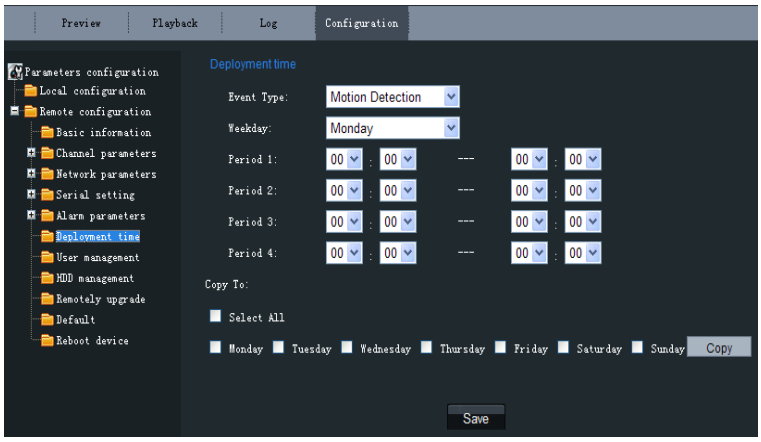
Alarm Parameters→Alarm Output Setting



The *Output Delay* refers to the length of time that the relay remains in effect after alarm occurs. The output delay time can be set to *5sec*, *10sec*, *30sec*, *1min*, *2min*, *5min*, *10min* or *Manual* (manually disable).

Click "Save" button to save the modified parameters.

Alarm Deployment Time

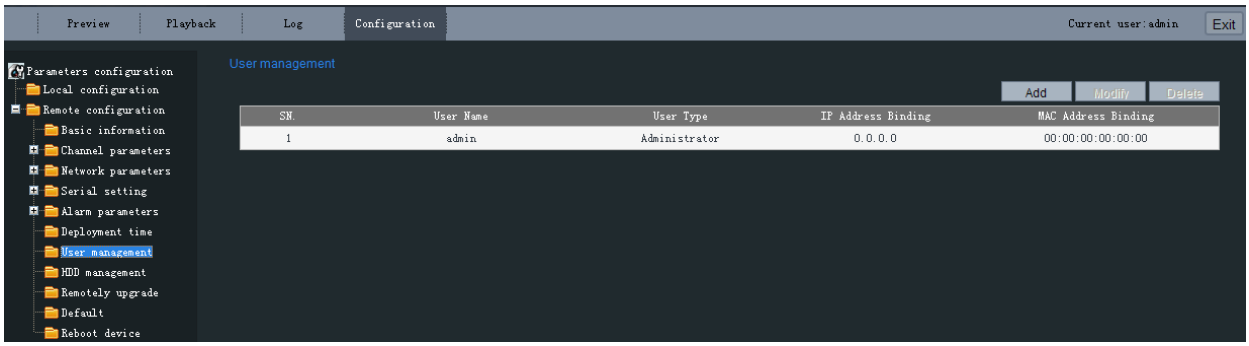


The *Deployment time* can be set to several days a week or to all week, with only four period configurable for each day.

Note: The alarm deployment time setting is valid only when the camera has already been configured with the motion detection, alarm input and alarm output functions.

Click "Save" button to save the modified parameters.

User Management



When the current login user is *admin*, it is allowed to create other users. Up to 15 users can be created.

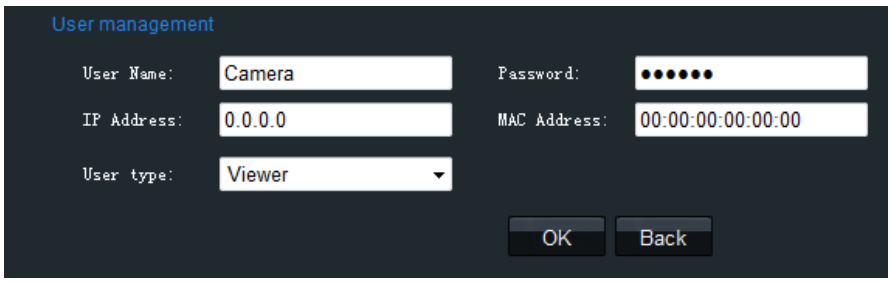
Add User

Click *Add* to enter the settings interface as shown here.

Input the user name, password, IP address, MAC address, and then select user type. Finally, click *OK* to finish the user addition.

Modify User

Click Modify to enter the settings interface as shown here.

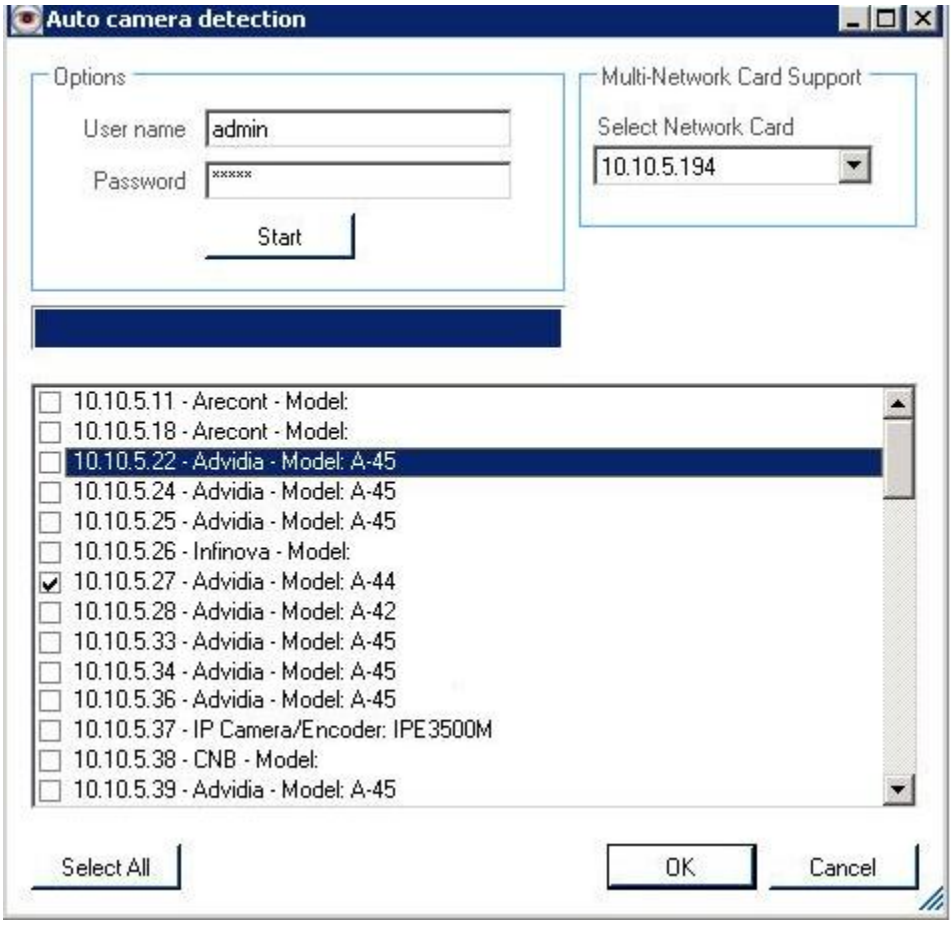


It is allowed to modify the user name, password, IP address, MAC address, and then select user type. Finally, click OK to finish the user modification.

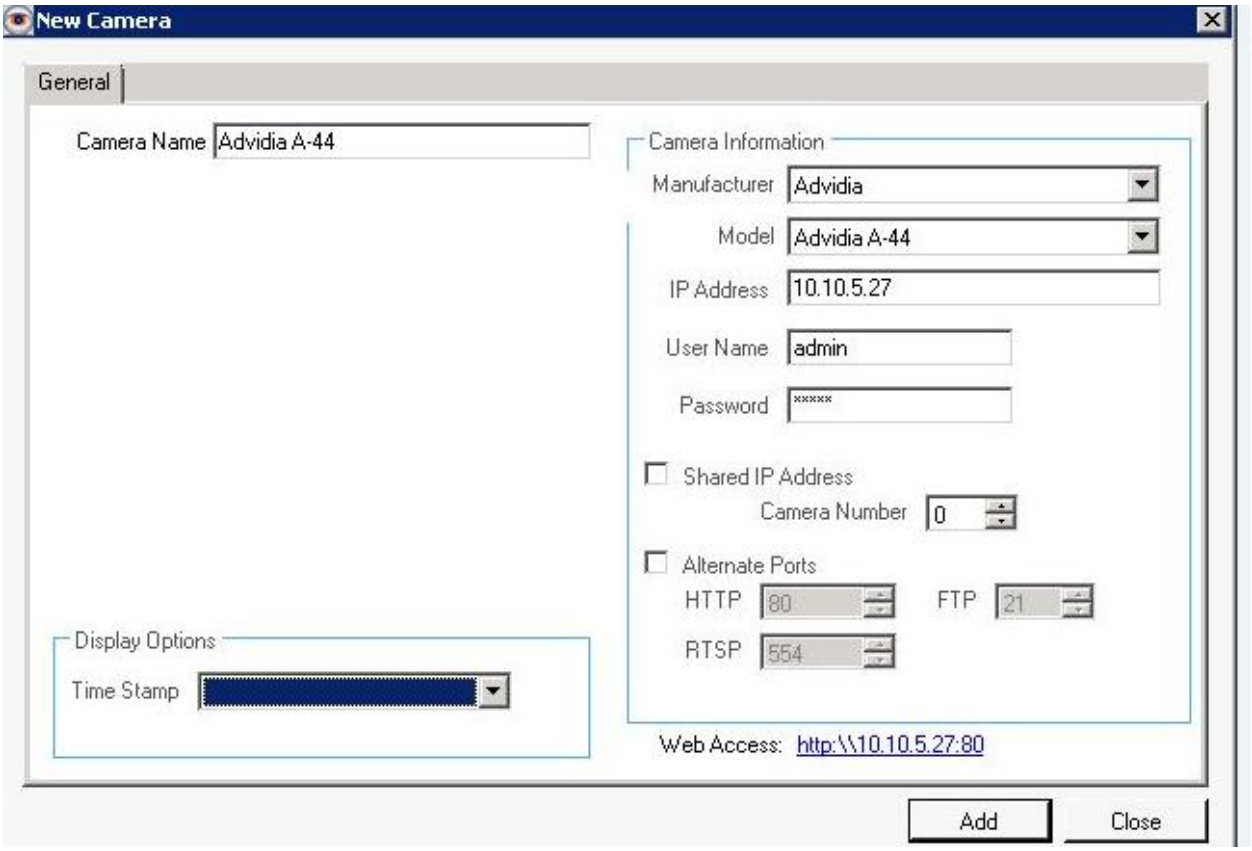
Note: Only the password of the user admin can be modified.

F. Adding Camera to Monitor Station

Using Auto discovery, enter the default credentials described above and click Start.



Using Manual add on, choose to add a camera and select the following from the dropdown:


New Camera
General
Camera Name
Advidia A-44
Camera Information
Manufacturer
Advidia
Model
Advidia A-44
IP Address
10.10.5.27
User Name
admin
Password
*****
Shared IP Address
Camera Number
0
Alternate Ports
HTTP
80
FTP
21
RTSP
554
Display Options
Time Stamp
Web Access:
http:\\10.10.5.27:80
Add
Close